

ABSTRACT OF THE DISCLOSURE

Disclosed herein is a fan cylinder for a cooling tower,
which is configured to prevent the air discharged from the
5 cooling tower from flowing back thereinto. The fan cylinder
is fixed to the upper side of the cooling tower, and is
configured to mount a cooling fan therein. The fan cylinder
comprises a linear portion having a constant inner diameter,
and mounted therein with the cooling fan; an inlet portion
10 connected at an upper end thereof to a lower end of the linear
portion, and having an inner diameter increasing downwardly;
an extension portion connected at a lower end thereof to an
upper end of the linear portion; and having an inner diameter
increasing upwardly, and an outlet portion connected to an
15 upper end of the extension portion, and having an inner
diameter decreasing upwardly.